Due to grants from GÉANT Innovation Programme we were able to:

- extend range of work related to **eduMEET**
- involve more developers for parallel implementations
- deliver 2 innovative functional extensions:
  - mingleMEET
  - VoDsync
- capture the interest of new groups of:
  - potential users
  - open source community

Thank you!
eduMEET

WebRTC based web-conferencing tool delivered as a software package for on-prem installations

The platform is part of the GÉANT online services portfolio

NRENs and MANs can run it as SaaS for their institutions

- Open source web-conferencing system
- Interactive, web-based videoconferencing platform supporting distant learning processes (LTI, official Moodle plugin)
- Created by the GÉANT community for R & E communities
- Trustworthy, private, self-hosted and secure
- We do understand needs and listen to our community
mingleMEET

Virtual meeting space where users can spontaneously create groups

- dynamic webconferencing environment
- participants can mingle and enter in interactions quickly by:
  - just clicking on a group they want to join
  - creating own group around table

New way to conduct networking sessions

- spontaneous meetings
- dedicated rooms for subset of participants
- coffee breaks during online conferences
mingleMEET

Redesigned, extended architecture and functionality of eduMEET

- Capacities on which eduMEET is based:
  - WebRTC
  - Selective Forwarding Unit (SFU)

- this approach allowed to create:
  - software plug-in to switch in real-time AV streams, which user sees and hears while joining or leaving selected group
  - basis for the creation of the interactive meeting spaces – virtual rooms
mingleMEET - architecture

- eduMEET server
  - RoomTDB
  - RoomCreator
  - mMAdmin
    - RoomAdministration
    - mMRoomsManager
      - UserLogin
      - UserRoomSelector
Thank you!

Please join Multimedia session

Breakout room 2

15:00 - 16:30

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